



FIG. 1
PRIOR ART

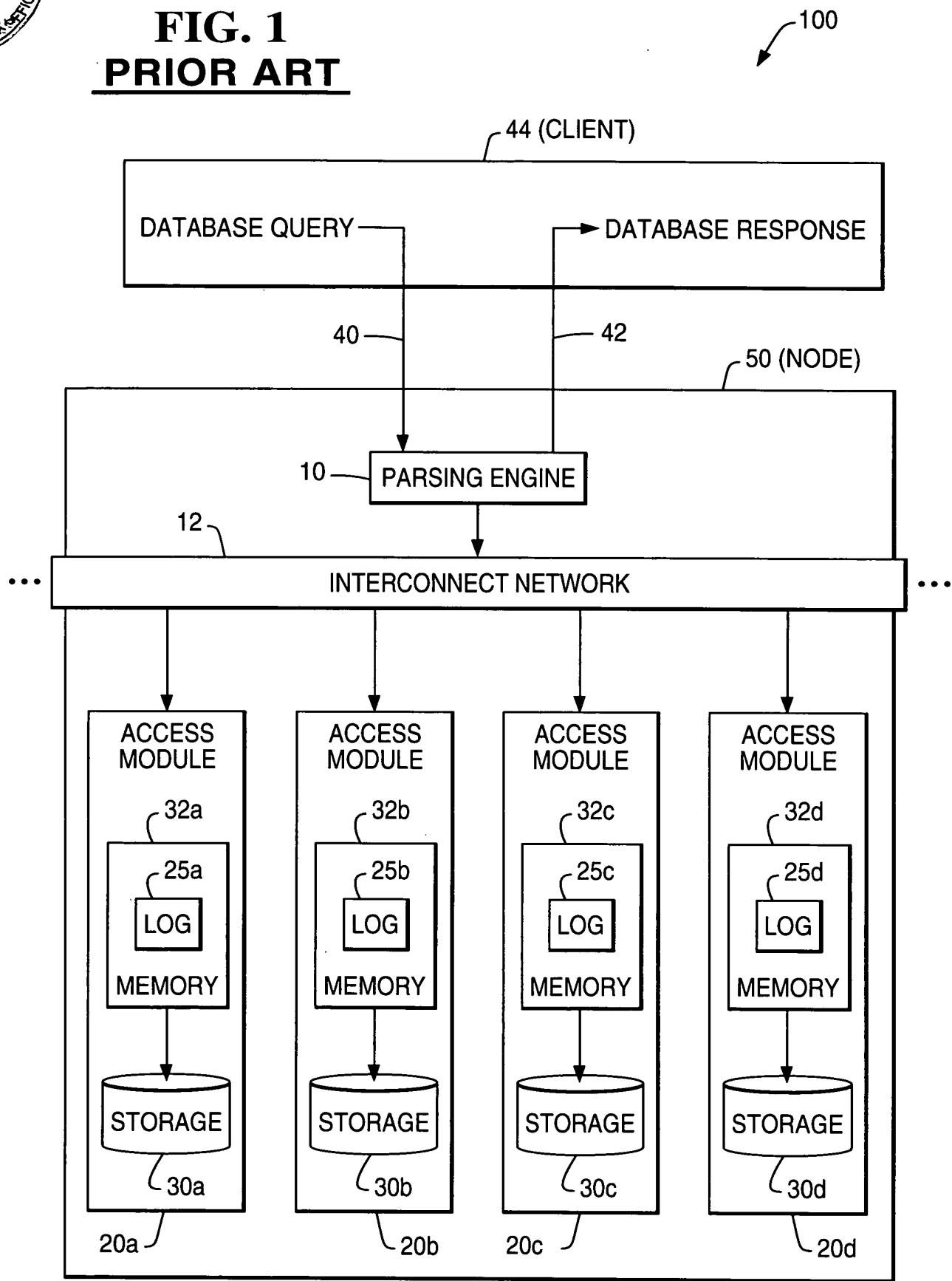
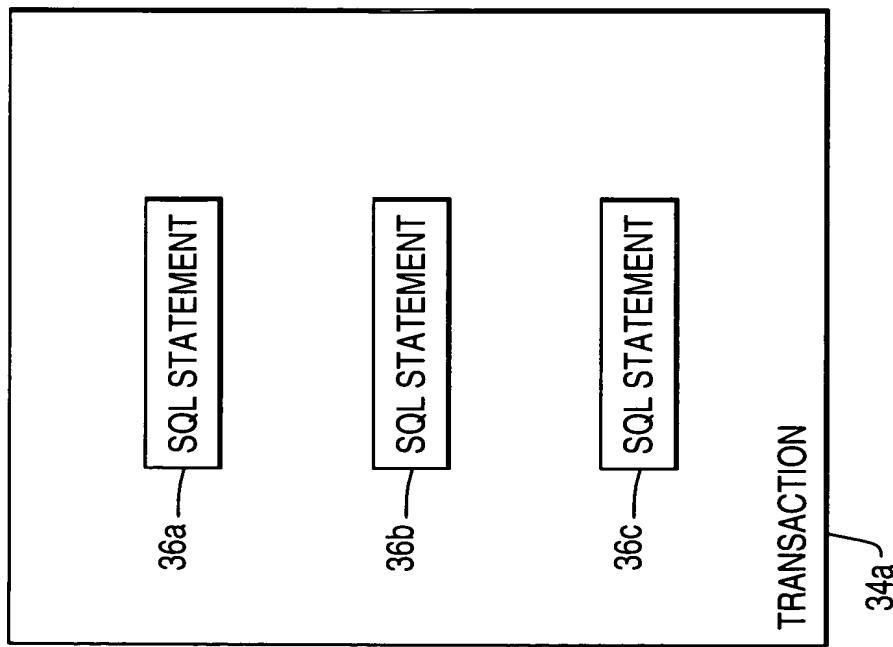


FIG. 2

APPLICATION PROGRAM (CLIENT):



PARSING ENGINE:

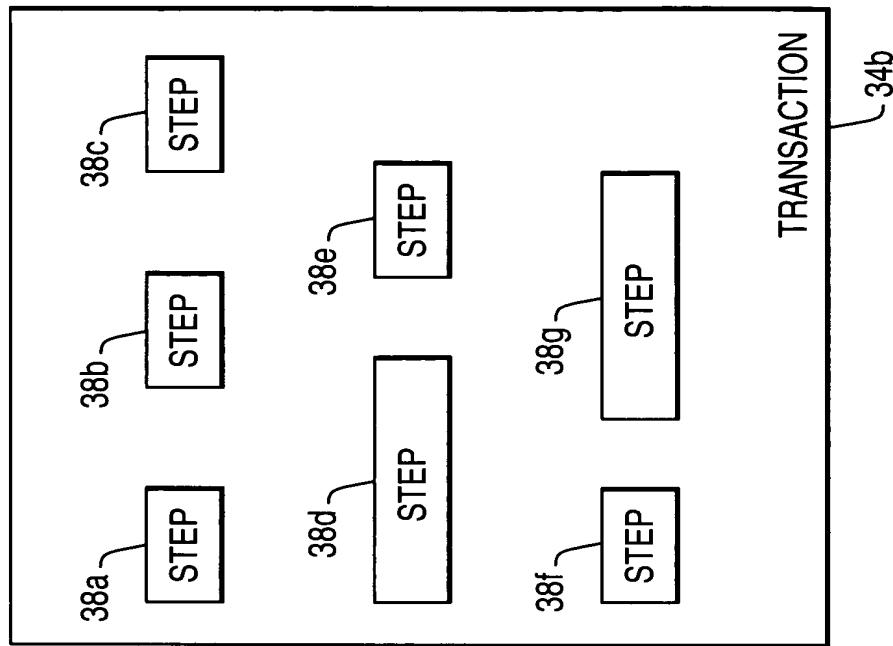


FIG. 3

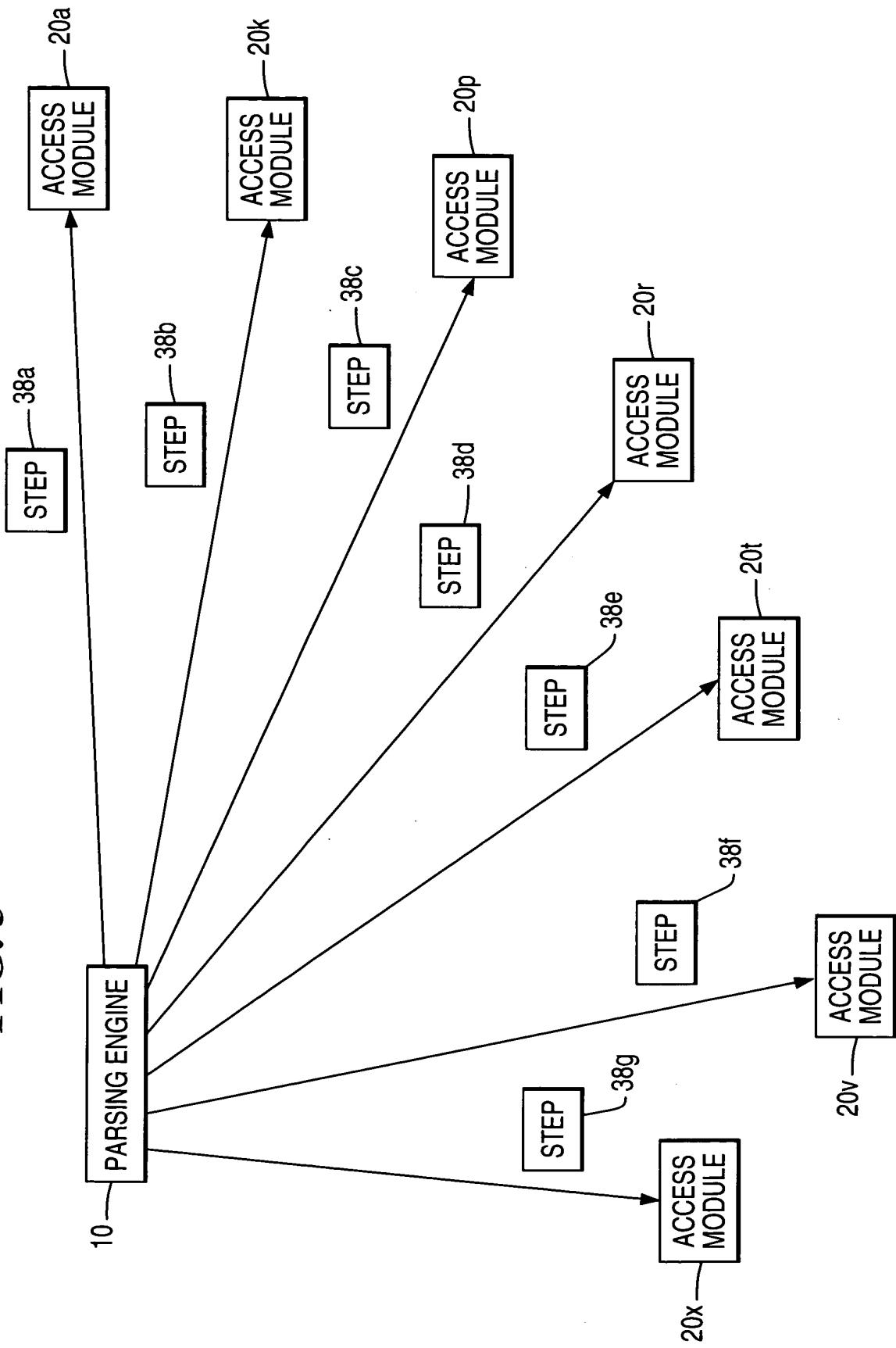


FIG. 4

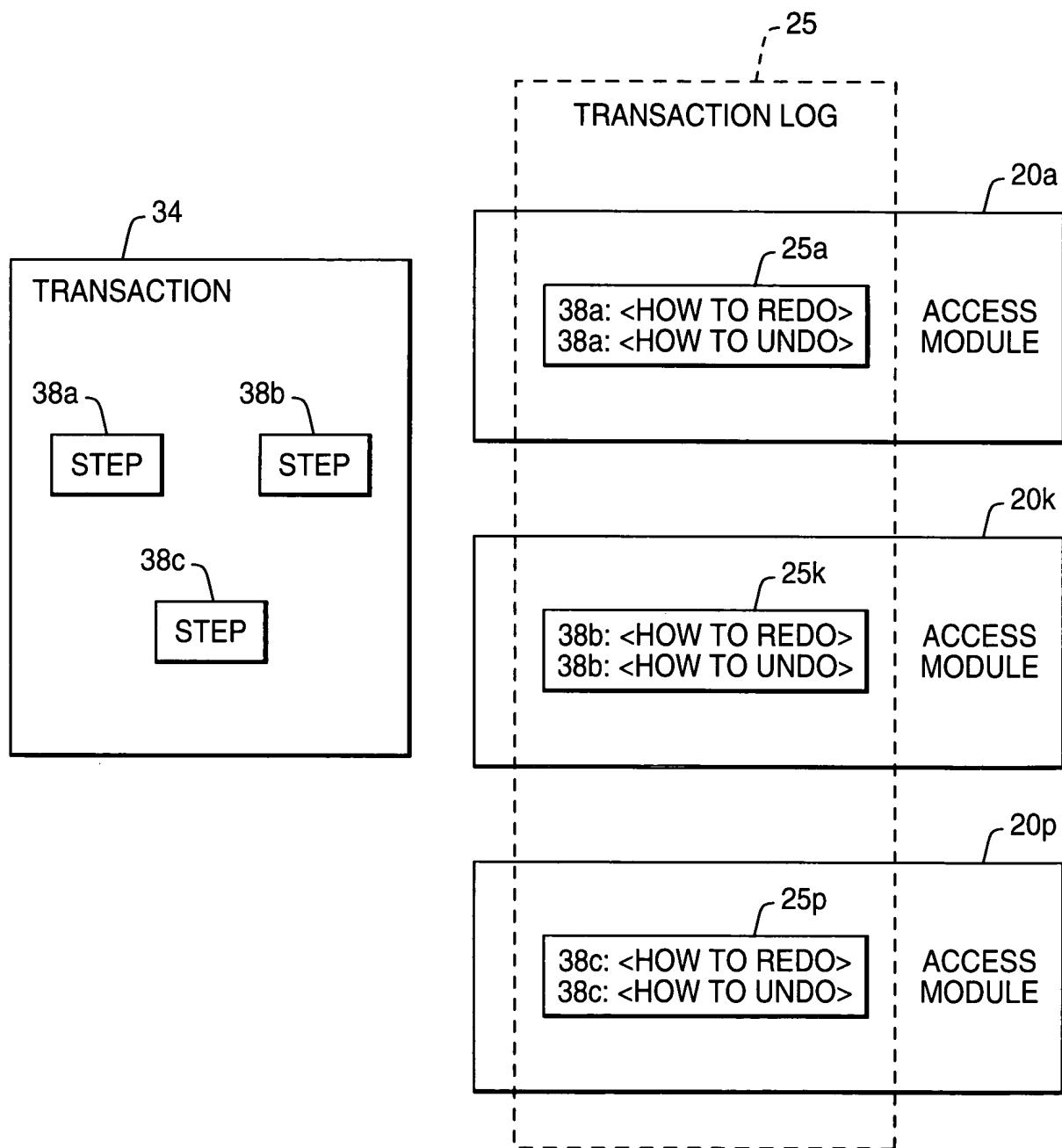


FIG. 5
PRIOR ART

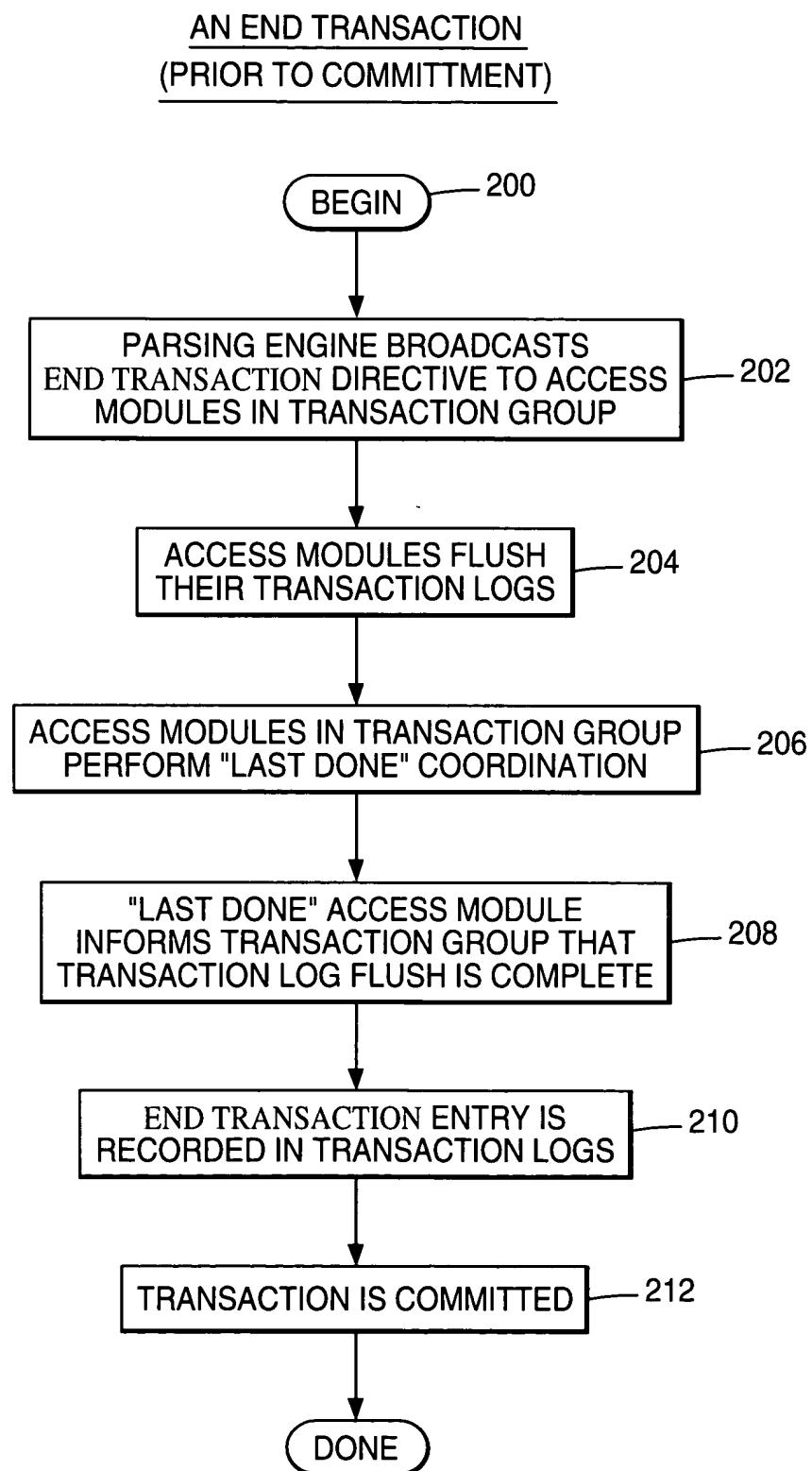


FIG. 6

OPTIMIZING LAST STEP OF "ALL TRANSACTION GROUP" TRANSACTION

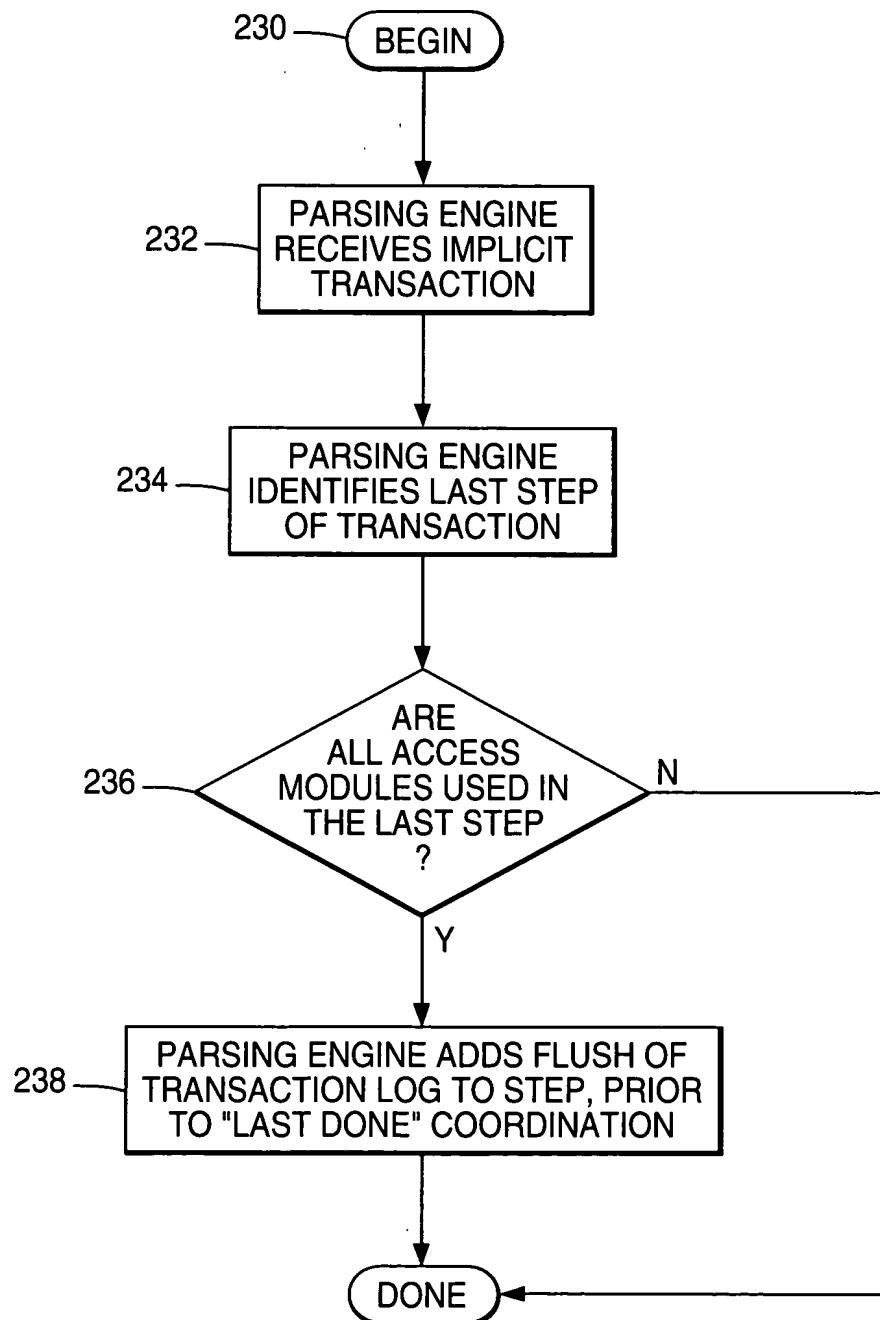


FIG. 7

OPTIMIZING END TRANSACTION PROCESSING

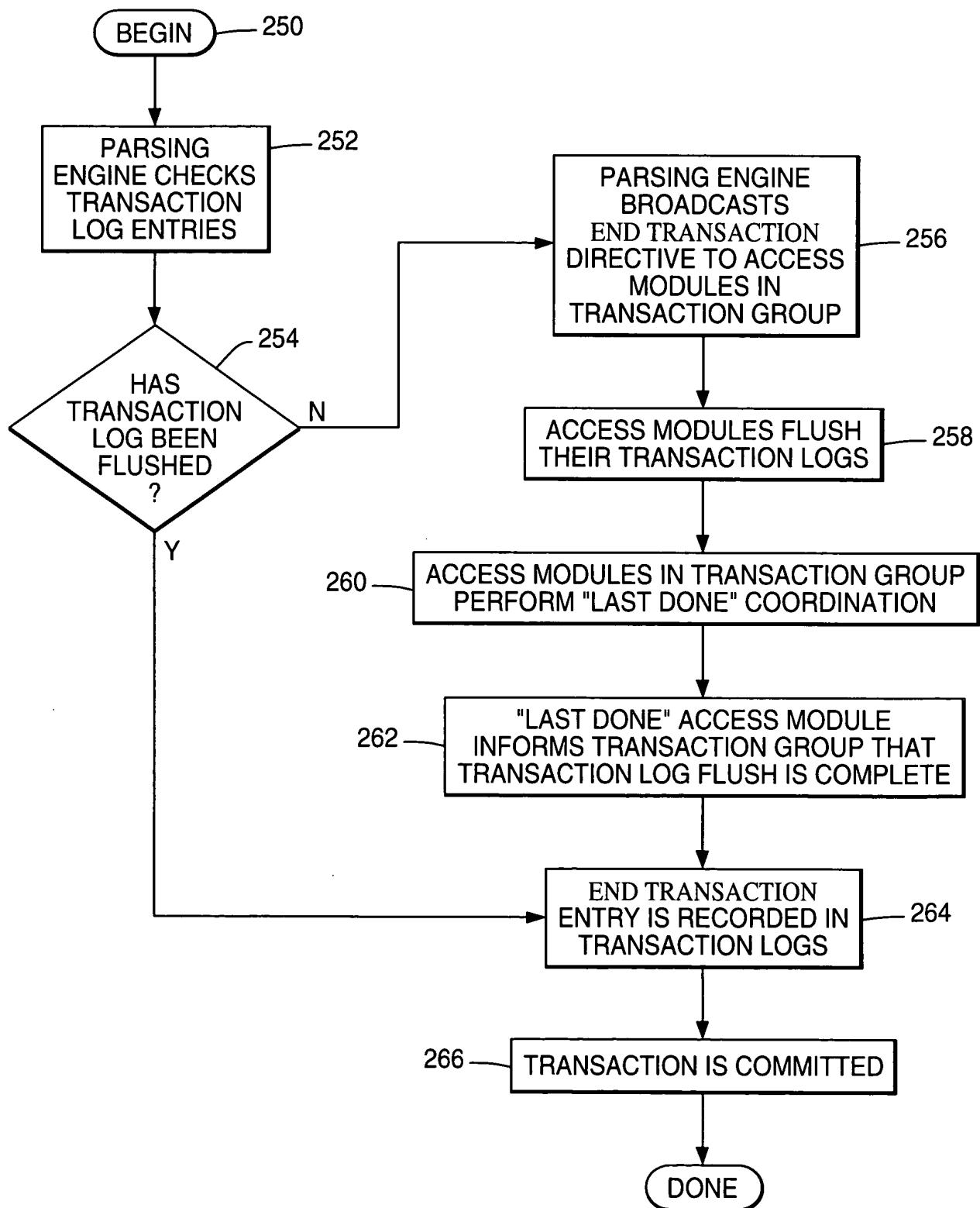


FIG. 8

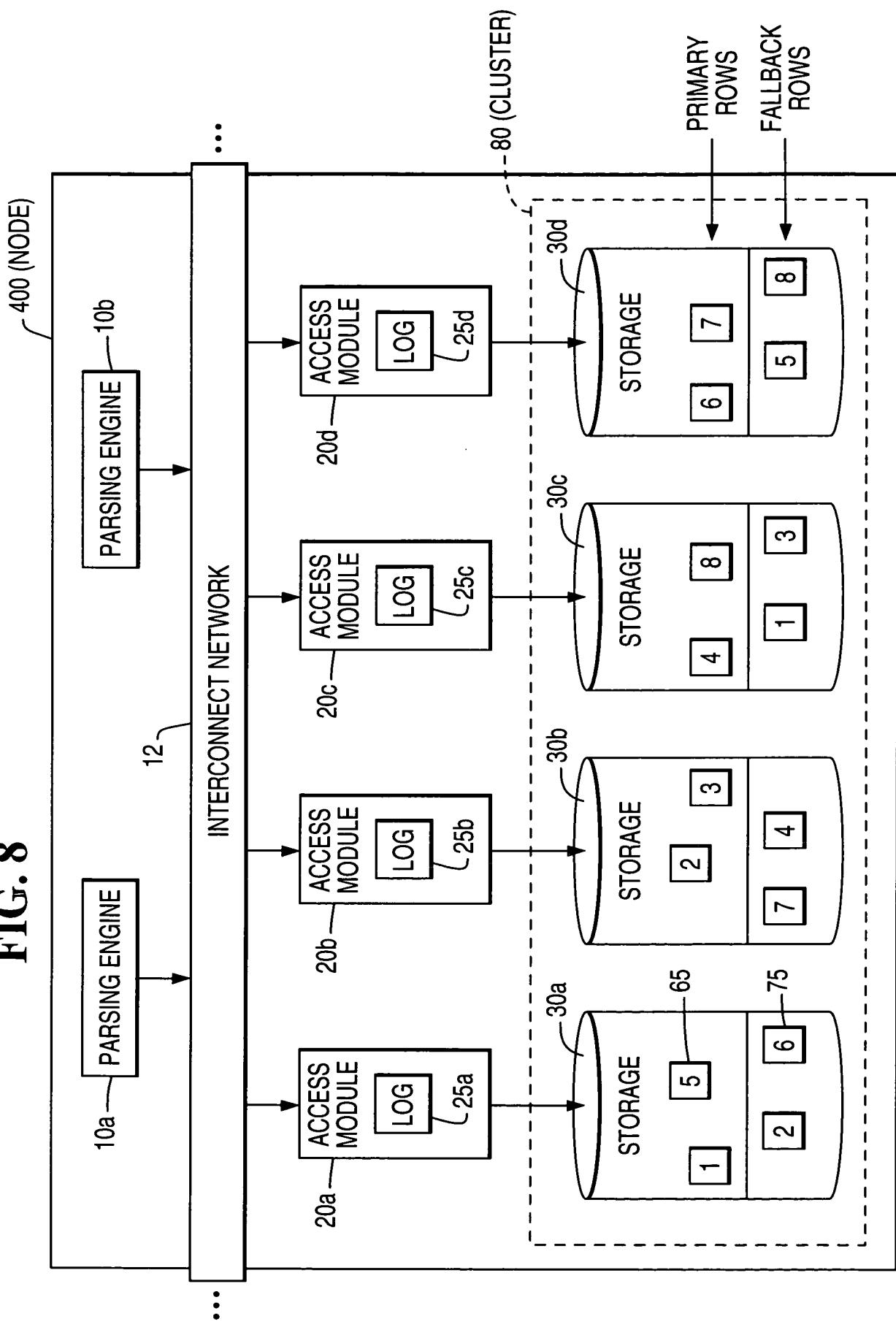
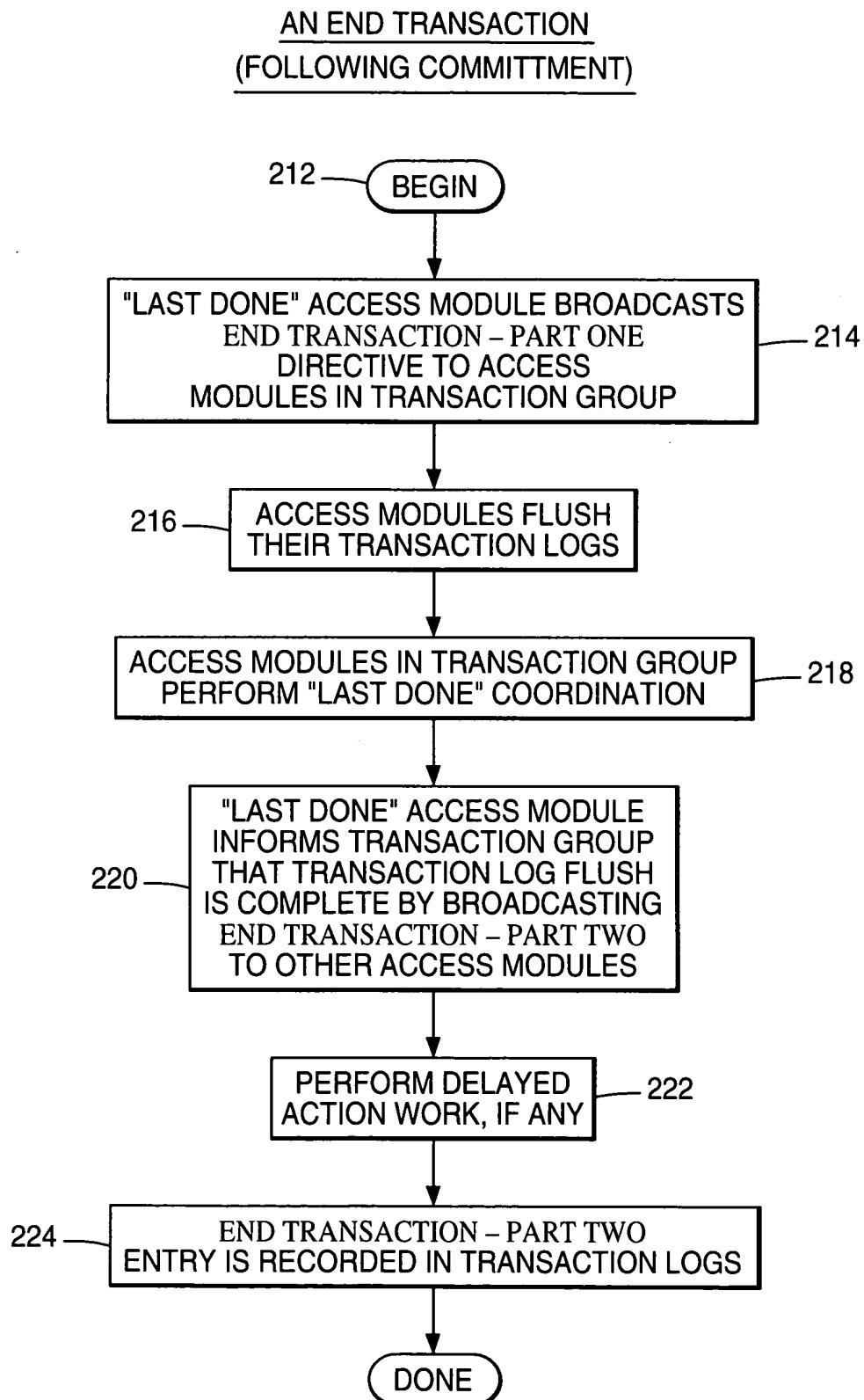


FIG. 9



OPTIMIZED END TRANSACTION
(FOLLOWING COMMITMENT)

FIG. 10

